

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

052605
11227
10/25/05
PCT/PTO
**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

LEXSA.P32

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/536778

INTERNATIONAL APPLICATION NO.

PCT/CU2003/000016

INTERNATIONAL FILING DATE

27 NOVEMBER 2003

PRIORITY DATE CLAIMED

27 NOVEMBER 2002

TITLE OF INVENTION

Method of Obtaining Cochlear Structures, Vaccine Compositions, Adjuvants and Intermediates Thereof

APPLICANT(S) FOR DO/EO/US

PEREZ, MARTIN, Oliver, German; BRACHO GRANDO, Gustavo, Rafael; LASTRE GONZALEZ, Miriam, de San Juan Bosco et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

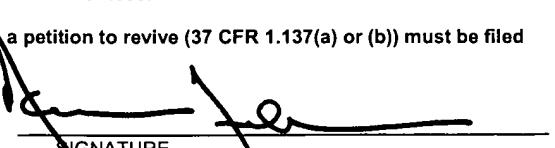
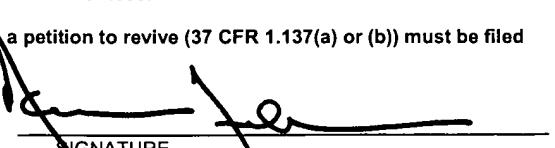
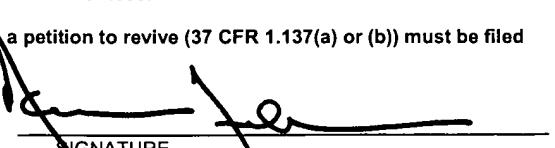
1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: **WO 2004/047805; Int'l. Search Report; 29 sheets of drawings; claims; abstract; return post card receipt**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/536778		INTERNATIONAL APPLICATION NO. PCT/CU2003/000016		ATTORNEY'S DOCKET NUMBER LEXSA.P-32																																																																																																																																																																																			
<p>The following fees have been submitted</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee.....</td> <td>\$300</td> <td colspan="2">CALCULATIONS</td> <td colspan="2">PTO USE ONLY</td> </tr> <tr> <td></td> <td>\$ 300.00</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....</td> <td>\$100</td> <td colspan="2">\$ 200.00</td> <td colspan="2"></td> </tr> <tr> <td>All other situations.....</td> <td>\$200</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....</td> <td>\$100</td> <td colspan="2">\$ 400.00</td> <td colspan="2"></td> </tr> <tr> <td>International Search Report prepared and provided to the Office.....</td> <td>\$400</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td>All other situations.....</td> <td>\$500</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">TOTAL OF 21, 22 and 23 =</td> <td colspan="2">\$ 900.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="6"> <input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td colspan="3">RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td colspan="3">x \$250</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).</td> </tr> <tr> <td colspan="2">CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="2">RATE</td> </tr> <tr> <td colspan="2">Total claims</td> <td>55 - 20 =</td> <td>35</td> <td>x \$ 50</td> <td>\$ 1,750.00</td> </tr> <tr> <td colspan="2">Independent claims</td> <td>5 - 3 =</td> <td>2</td> <td>x \$200</td> <td>\$ 400.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>-0-</td> <td></td> <td>+ \$360</td> <td>\$</td> </tr> <tr> <td colspan="6">TOTAL OF ABOVE CALCULATIONS = \$ 3,180.00</td> </tr> <tr> <td colspan="6"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. </td> </tr> <tr> <td colspan="6">SUBTOTAL = \$ 3,180.00</td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="6">TOTAL NATIONAL FEE = \$ 3,180.00</td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="6">TOTAL FEES ENCLOSED = \$ 3,180.00</td> </tr> <tr> <td colspan="6"> <table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table> </td> </tr> <tr> <td colspan="6"> <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>3,180.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>10-0100</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> </td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6">  SIGNATURE Marvin Feldman NAME 25,797 </td> </tr> <tr> <td colspan="6">REGISTRATION NUMBER</td> </tr> </table>						21. <input checked="" type="checkbox"/> Basic national fee.....	\$300	CALCULATIONS		PTO USE ONLY			\$ 300.00					22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....	\$100	\$ 200.00				All other situations.....	\$200					23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100	\$ 400.00				International Search Report prepared and provided to the Office.....	\$400					All other situations.....	\$500					TOTAL OF 21, 22 and 23 =		\$ 900.00				<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			- 100 =	/50 =		x \$250			Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).						CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE		Total claims		55 - 20 =	35	x \$ 50	\$ 1,750.00	Independent claims		5 - 3 =	2	x \$200	\$ 400.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		-0-		+ \$360	\$	TOTAL OF ABOVE CALCULATIONS = \$ 3,180.00						<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.						SUBTOTAL = \$ 3,180.00						Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						TOTAL NATIONAL FEE = \$ 3,180.00						Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						TOTAL FEES ENCLOSED = \$ 3,180.00						<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>						Amount to be refunded:	\$	Amount to be charged:	\$	<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>3,180.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>10-0100</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>						NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						SEND ALL CORRESPONDENCE TO:						 SIGNATURE Marvin Feldman NAME 25,797						REGISTRATION NUMBER					
21. <input checked="" type="checkbox"/> Basic national fee.....	\$300	CALCULATIONS		PTO USE ONLY																																																																																																																																																																																			
	\$ 300.00																																																																																																																																																																																						
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....	\$100	\$ 200.00																																																																																																																																																																																					
All other situations.....	\$200																																																																																																																																																																																						
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100	\$ 400.00																																																																																																																																																																																					
International Search Report prepared and provided to the Office.....	\$400																																																																																																																																																																																						
All other situations.....	\$500																																																																																																																																																																																						
TOTAL OF 21, 22 and 23 =		\$ 900.00																																																																																																																																																																																					
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																																																																																																							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																																																																																				
- 100 =	/50 =		x \$250																																																																																																																																																																																				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).																																																																																																																																																																																							
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE																																																																																																																																																																																			
Total claims		55 - 20 =	35	x \$ 50	\$ 1,750.00																																																																																																																																																																																		
Independent claims		5 - 3 =	2	x \$200	\$ 400.00																																																																																																																																																																																		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		-0-		+ \$360	\$																																																																																																																																																																																		
TOTAL OF ABOVE CALCULATIONS = \$ 3,180.00																																																																																																																																																																																							
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																																																																																																																																																																																							
SUBTOTAL = \$ 3,180.00																																																																																																																																																																																							
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																																																																																																																																							
TOTAL NATIONAL FEE = \$ 3,180.00																																																																																																																																																																																							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																																																																																																																																																							
TOTAL FEES ENCLOSED = \$ 3,180.00																																																																																																																																																																																							
<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>						Amount to be refunded:	\$	Amount to be charged:	\$																																																																																																																																																																														
Amount to be refunded:	\$																																																																																																																																																																																						
Amount to be charged:	\$																																																																																																																																																																																						
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>3,180.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>10-0100</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																																																																																																																																																																							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																																																																																																																																																																																							
SEND ALL CORRESPONDENCE TO:																																																																																																																																																																																							
 SIGNATURE Marvin Feldman NAME 25,797																																																																																																																																																																																							
REGISTRATION NUMBER																																																																																																																																																																																							

05-27-05

101536778 PCT/4
JC13 Rec'd PCT/PTO 26 MAY 2005

EXPRESS MAILING CERTIFICATE

Certificate of Mailing by "Express Mail"
"Express Mail" mailing label number:

EV 657 107 615 US

I hereby certify that this paper or fee is being deposited
with the United States Postal Service "Express Mail Post Office
to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Commissioner of
Patents, Alexandria, VA. 22313-1450

Catherine M. Kynard
Catherine M. Kynard
Dated: May 26, 2005

Re

In the Application of: German Oliver Perez Martin et al.

Int. Serial No: PCT/CU2003/000016

Docket No: LEXSA.P32

Customer Code: 28752